

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 09-201002  
(43)Date of publication of application : 31.07.1997

(51)Int.CI.

H02K 7/06

(21)Application number : 08-007813  
(22)Date of filing : 19.01.1996

(71)Applicant : SMC CORP  
(72)Inventor : NAGAI SHIGEKAZU  
SUGIYAMA TORU  
SHIOMI HIROYUKI

## (54) ACTUATOR

### (57)Abstract:

PROBLEM TO BE SOLVED: To prevent the adhesion of dusts, etc., to a drive power transmitting means, to avoid stop or break of the transmitting means, and to prevent the outflow of dusts, etc.

SOLUTION: Fixing blocks 26a and 26b are respectively installed to guide rails 18a and 18b constituting an actuator 10 in slidable states through guide blocks 22a-22d. Slits 88a and 88b are demarcated between a top cover 84 and side covers 82a and 82b and seal members 94a and 94b are provided in the slits 88a and 88b. The front end section of one seal member 94b is engaged with the step section of the other member 94a and closes the slits 88a and 88b. The fixing blocks 26a and 26b are protruded from the other sides of the slits 88a and 88b after the blocks 26a and 26b are passed through the slits 88a and 88b and the front end sections of the seal members 94a and 94b are brought into contact with the wall sections of the fixing blocks 26a and 26b. As a result, clearances communicating with the inside of the actuator are closed.

